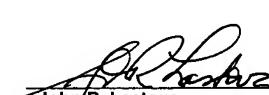


FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NUMBER 4147-176
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.23) <b>10/584,131</b> Unknown
INTERNATIONAL APPLICATION NO. PCT/EP2004/053191	INTERNATIONAL FILING DATE 1 December 2004	PRIORITY DATE CLAIMED 23 December 2003
TITLE OF INVENTION <b>COST DETERMINATION IN A MULTIHOP NETWORK</b>		
APPLICANT(S) FOR DO/EO/US <b>LARSSON ET AL.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).</p> <p>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input checked="" type="checkbox"/> WO 2005/064864 is attached hereto (30 pages specification, claims &amp; abstract (19 claims), 8 sheets drawings).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> is attached hereto (      pages specification, claims &amp; abstract (      claims),      sheets drawings,      page Certificate of Translation).</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 To 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. a. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>b. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information. Intern'l Search Report with PTO/SB/08a; Intern'l Preliminary Report on Patentability (5 pp)</p>		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/594,311</b>	INTERNATIONAL APPLICATION NO. <b>PCT/EP2004/053191</b>	ATTORNEY'S DOCKET NUMBER <b>4147-176</b>																
<input checked="" type="checkbox"/> The following fees are submitted:																		
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>																		
21. <input checked="" type="checkbox"/> Basic national fee .....	\$300.00 (1631)/\$150.00 (2631)	\$ 300.00																
22. <input checked="" type="checkbox"/> Examination Fee.....	\$0 (1643/2643)																	
23. <input checked="" type="checkbox"/> Search Fee .....	\$200.00 (1633)/\$100.00 (2633)	\$ 200.00																
	\$0 (1640/2640)																	
	\$100 (1641)/\$50 (2641)																	
	\$400 (1642)/\$200 (2642)																	
	\$500.00 (1632)/\$250.00 (2632)	\$ 400.00																
<b>TOTAL OF ABOVE CALCULATIONS</b>																		
\$ 900.00																		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)																
38	-100	0 /50 = 0.00																
		RATE <b>\$0.00 (1681) \$0.00 (2681)</b>																
Surcharge of <b>\$130.00 (1617)/\$65.00 (2617)</b> for furnishing the oath or declaration later than <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).																		
<table border="1" style="width: 100%;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th># EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>19</td> <td>minus 20 = 0 X</td> <td>\$50.00 (1615)/ \$25.00 (2615)</td> </tr> <tr> <td>Independent Claims</td> <td>4</td> <td>minus 3 = 1 X</td> <td>\$200.00 (1614)/ \$100.00 (2614)</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td>\$360.00 (1616)/\$180.00 (2616)</td> </tr> </tbody> </table>			CLAIMS	NUMBER FILED	# EXTRA	RATE	Total Claims	19	minus 20 = 0 X	\$50.00 (1615)/ \$25.00 (2615)	Independent Claims	4	minus 3 = 1 X	\$200.00 (1614)/ \$100.00 (2614)	MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$360.00 (1616)/\$180.00 (2616)
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Total Claims	19	minus 20 = 0 X	\$50.00 (1615)/ \$25.00 (2615)															
Independent Claims	4	minus 3 = 1 X	\$200.00 (1614)/ \$100.00 (2614)															
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$360.00 (1616)/\$180.00 (2616)															
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)																		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.																		
Processing fee of <b>\$130.00 (1618)</b> , for furnishing the English Translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).																		
<b>TOTAL NATIONAL FEE = \$ 1230.00</b>																		
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). <b>\$40.00 (8021)</b> per property + \$ 0.00																		
Fee for Petition to Revive Unintentionally Abandoned Application: <b>\$1500.00 (1453) / \$750.00 (2453)</b> \$ 0.00																		
<b>TOTAL FEES ENCLOSED = \$ 1230.00</b>																		
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td>Amount to be refunded: \$</td> </tr> <tr> <td></td> <td>Amount to be Charged: \$</td> </tr> </table>				Amount to be refunded: \$		Amount to be Charged: \$												
	Amount to be refunded: \$																	
	Amount to be Charged: \$																	
a. <input type="checkbox"/> A check in the amount of \$1230.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed. d. <input checked="" type="checkbox"/> <b>CREDIT CARD PAYMENT FORM ATTACHED.</b> e. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/EP2004/053191 and any U.S. and foreign application(s) corresponding thereto, and SE 0303576-3, referred to in this application is/are hereby incorporated by reference in this application. <b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.</b>																		
<b>CORRESPONDENCE ADDRESS</b> Direct all correspondence to: <b><input checked="" type="checkbox"/> Customer Number:</b> <b>23117</b>																		
Type Customer Number here  <b>John R. Lastova</b> NAME																		
Telephone: (703) 816-4000 JRL:jsm																		
33,149 REGISTRATION NUMBER Date																		